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ABSTRACT

This paper contains an overview of technology, national support organizations, and IBM support available to persons with disabilities related to impairments affecting hearing, learning, mobility, speech or language, and vision. The information was obtained from the IBM National Support Center for Persons with Disabilities, which was created to help health care leaders, agency directors, policy makers, employers, educators, public officials, and individuals learn how technology can improve the quality of life for disabled persons in the school, the home, and the workplace. The paper is organized in three sections. The first section discusses disabilities by the areas of hearing, learning, mobility, speech or language, and vision. The second section profiles IBM support programs for persons with disabilities. Information is included on offerings and programs for persons with disabilities, research and development, a program to train disabled persons, corporate support programs, and the Information System for Advanced Academic Computing. The third section lists national support groups, describes their efforts, and provides addresses and telephone numbers for them. (KC)

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FOR PERSONS
WITH DISABILITIES

TECHNOLOGY FOR PERSONS WITH DISABILITIES

- AN INTRODUCTION -

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Preface

This publication contains an overview of technology, national support organizations and IBM support available to persons with disabilities related to impairments affecting hearing, learning, speech or language, mobility and vision.

Information about products and support groups for specific disabilities is available from the IBM National Support Center for Persons with Disabilities.

The Center was created to help health care leaders, agency directors, policy makers, employers, educators, public officials and individuals learn how technology can improve the quality of life for the disabled person in the school, home and workplace.

While the Center is unable to diagnose or prescribe an assistive device or software, information can be provided on what is available and where one can go for more details.

The Center's toll-free 800 number is maintained 24 hours a day to provide general information and to accept requests for specific materials.

May 4, 1990

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Disability Areas

Hearing

Hearing impairment is known as the "hidden" disability. Outward appearances rarely suggest that an individual cannot hear. Some 16 million Americans, from slightly hard of hearing to profoundly deaf, live with this disability.

The degree of hearing loss and the age at which the loss occurred may affect the individual's academic path and choice of career. Deafness itself does not affect a person's intellectual capacity or ability to learn. Yet, deaf children usually require some form of special schooling to gain an adequate education.

There are four types of **hearing loss** that present different problems and different remedial possibilities.

Conductive hearing losses are caused by outer or middle ear diseases or obstructions that affect the sound pathways to the inner ear. Hearing aids can usually help a person with a conductive hearing loss.

Sensorineural hearing losses result from damage to the delicate sensory hair cells of the inner ear or to the inner ear nerve. This type of hearing loss ranges from mild to profound and affects certain frequencies more than other types of hearing loss. Thus, amplification may not be successful as a compensation.

Mixed hearing losses are caused by problems both in the outer or middle ear and the inner ear.

Central hearing loss results from damage or impairment to the nerves of the central nervous system, either in pathways to the brain or in the brain itself.

HOW COMPUTERS HELP PERSONS WITH HEARING IMPAIRMENTS

Many situations in the home that place a dependency on hearing may be accommodated through signaling devices that substitute for sound, for example, a flashing light or a vibration. In the job environment, hearing impairment requires special considerations in communication with people. However, interaction with a device such as a personal computer presents no difficulty.

In the United States, deaf persons work in most occupational fields and use a variety of means to communicate - speaking, speechreading, writing, hand signing or fingerspelling.

Because operating a computer does not require verbal communication, a person with a hearing impairment may fulfill requirements for many jobs that use computers. Computers provide two-way communication, in home or job environments, between hearing-impaired individuals and anyone with a Touch-Tone telephone; they also provide opportunities through telecommunications - for example, electronic bulletin boards, local area networks and mainframe communications systems.

IBM recently provided funds for the development of the **Michigan Memory Series** of Software which will help children and students with learning disabilities, communication disorder, reading disorder, autism, mental retardation and other problems for which serial recall difficulties are frequently suspected. (For more information, see the Michigan Memory Series listing in the product section of the Hearing Guide.)

In the field of education, computers serve as teaching tools to increase skills or to replace verbal classroom teaching of subjects such as reading, writing and mathematics.

Learning

IBM is committed to the principle that computer technology can make a difference for all learners. The term "learning impairments" is used here in a very broad sense to include learning disabilities, cognitive impairments, mental retardation and other disabilities that affect learning or relearning.

Computers and software benefit learners in many ways. The computer provides a multisensory approach, giving **visual** cues through color graphics and animation, **auditory** cues through music, voice and sound prompts and **tactile** cues through the keyboard or a touch screen. Software aids the teaching strategies of: model and demonstrate, drill and practice, problem solve and generalize. Additionally, a program can detect areas of difficulty for the student and loop back or give additional cues for problem solution. For individuals having difficulty using pencil and paper, typing at a computer keyboard may require less motor coordination than writing.

The **immediate feedback** provided by the computer helps the learner measure progress and encourages a successful learning experience. Some individuals with learning impairments may benefit by seeing and hearing the information displayed on the computer screen; this may be accomplished by using screen reading software and speech synthesizer devices. These solutions are described in the "Audio Ouput" section of the Resource Guide for Persons with Vision Impairments; available from the IBM National Support Center for Persons with Disabilities.

HOW COMPUTERS HELP PERSONS WITH LEARNING DISABILITIES

The computer could be characterized as an impartial tutor, providing a risk-free, ever-patient learning environment, as well as an active learning environment for creative and independent learning. Using a computer, learners adjust and manipulate their own experiences by controlling the method of input (e.g., touch, voice), type of output (e.g., graphics, text, audio), and pace of instruction.

The **different learning styles** addressed through computer software can motivate the individual to participate more in the learning activity. Individuals can use the computer to maximize their strengths and compensate for areas of weakness.

In **education**, there is a growing emphasis on integrating students with disabilities and nondisabled students. One of the benefits of computer technology is its ability to help all learners participate equally. Computer materials may be matched to many learning styles to help a student with a disability participate in the same environment as a nondisabled student.

IBM has provided funds for the development of programs which will prove effective in helping students with learning disabilities. The **Michigan Memory Series** of Software helps clinicians who require systematic and reliable means for assessing the progression of a disease process or for evaluating change in serial recall after medical or behavioral intervention. (For more information, see the Michigan Memory Series listing in the product section of the Learning Guide.)

Educators and administrators also benefit by having access to electronic bulletin boards, databases of information on proven software and exchange of information for effective use of computers for learners with special needs. **Administrative tools** help teachers create and audit **Individual Education Plans** and track adherence to government guidelines. The computer frees the teacher to spend more time working with each student.

There are a variety of software programs for **reading and language arts, math, cognitive reading skills** and **other skills**. When choosing an appropriate program for a student's needs, the teacher considers types of instructional methods, presentation options, record maintenance and teacher utilities used in the programs. For example, some programs may use one or a combination of instructional methods - instruction and drill, drill and practice, tutorial, educational game and strategy building.

In addition, the use of the presentation options of color graphics, hints, sound output and content may be significant in enhancing learning. For professionals in special education and rehabilitation, **administrative** and **assessment** programs may also be beneficial.

For some individuals with learning impairments, computer software that enhances learning and cognitive functions may be only a partial solution. For individuals with **physical or sensory impairments**, other adaptive hardware and software may be needed for computer **access**.

Mobility

To people with a mobility impairment, computer technology provides an **opportunity to gain independence** in daily living and working activities. The computer may, however, require modifications to become accessible for an individual with a disability affecting motor control.

Because impairments affecting motor control exist in differing degrees of severity, it is necessary to consider all areas of needs when choosing a computer for an individual with a physical disability. Among the needs to be addressed are the degree of mobility, positioning, endurance and communication.

The needs of some individuals may be met with modifications to standard computer equipment. Others may need to replace an input device or add software to tailor the computer to their specific needs.

MODIFICATIONS TO STANDARD KEYBOARDS

Some people with physical disabilities can use a standard computer keyboard, but may type with one hand, one or two fingers, a head pointer, a mouthstick, a handstick or with reduced fine motor control. For these situations, there are software and hardware modifications that simplify keyboard operations.

Persons who have reduced motor control or who use a headstick or mouthstick to press the keys may need some means of preventing accidental keystrokes. A **keyguard** is a keyboard overlay with holes positoned over each key. It helps the user to stabilize finger, hand or stick movement and to select a key without accidentally activating others. Standard IBM keyboards have a built-in **auto-repeat** feature. If a key is held down long enough, it begins repeating and extra characters may be typed. Software programs are available to slow down or eliminate this feature. **Single-finger** programs allow the user to change the operation of keys such as SHIFT, CONTROL and ALT so that two or more keys do not have to be pressed simultaneously. **Keylatches** that toggle off and on may also be used to lock down keys temporarily. For the typist able to use only one hand, **keyboard redefinition** programs allow each key to be reassigned and permit the keyboard layout to be redesigned. For example, keys may be reassigned to distribute the typing load more evenly between the fingers on one hand, and keyboards with layouts for right- or left-handed typing are available.

ALTERNATIVES TO STANDARD KEYBOARDS

In some instances, substitutes or replacements for the standard keyboard may be required. An individual who can press on a flat surface but cannot depress keys may be able to use a **membrane keyboard**. There are **expanded keyboards** with larger keys for those who can target only large areas and **miniature keyboards** for those with an extremely limited range of movement of their limbs. Some keyboards may be tailored to allow single keystrokes to produce frequently-used words or phrases.

ALTERNATIVE INPUT METHODS

A keyboard is the most commonly used method of providing input to a PC. For an individual with a motor control impairment who may not be able to use a keyboard effectively with adaptations such as those just described, other input methods have been developed. The computer accepts characters or commands coming from these alternative input methods just as if they were coming from the computer's standard keyboard.

When choosing an alternative method for computer input, one should make sure that it will work with all software applications to be used, such as word processing programs, database programs and educational programs.
One input method uses a **switch** to enter the same data that would be keyed. A wide variety of switches are activated by almost any motion of any part of the body. A switch adapts to a user's abilities - the voluntary actions that the user can reliably control. For example, a switch may be turned "on" or "off" by sipping and puffing on a tube, wrinkling the eyebrows or making contact with a metal plate. A **switch interface**, which can be a software program or hardware device, acts as the link between the switch and the computer.

One technique for operating a computer with a switch is **scanning**. The user selects the desired characters or words from the computer display or a separate panel. With scanning, a cursor or highlighted area moves repeatedly from one character (or group of characters) to the next. With several switch activations, the selection is entered into the computer as if it had been typed at the keyboard. Another technique using a single or dual switch is **Morse Code**. The switches connect to an adapter that translates the pattern of dots and dashes into standard keyboard signals. The advantage of Morse code is that it may be faster than scanning for some people and does not require a separate panel or occupy a part of the computer screen.

With a **direct selection** method, the user "points to" the target items through a single action such as eye gaze, head pointer or light beam. The characters selected may be displayed on the computer terminal or on a separate panel.

Voice Recognition is an alternative input method by which a computer accepts a spoken command. A computer can only do this if it has a previously stored voice pattern to compare with the incoming sound. With some voice recognition systems, the person using the system must first train the computer by speaking several repetitions of the key word or phrase into the microphone attached to the computer. The computer saves this as a voice pattern. To use a voice recognition system successfully, an individual should be able to reproduce the same speech patterns that were used when setting up the system; that is, the user needs to speak the same way every time. When the computer receives voice commands for input to the system, it matches these against the stored voice patterns and executes the keystrokes that were set up for that command.

ACCELERATION TECHNIQUES

In conjunction with modified and alternative input methods, other adaptations increase the rate of input from the keyboard or an alternative device. **Abbreviation expansion** allows the user to input a predefined shorthand version of a word or phrase that is automatically expanded by the computer into words. **Word lists** or **word prediction** use the initial letter(s) of the words entered and present a dynamic menu of word choices. The user then selects the whole word, rather than typing each letter.

Acceleration techniques may be available as separate software programs that run with an application program or as built-in features of word processing packages or multi-purpose adaptive software programs. In addition, acceleration features are included in some programs that modify keyboard operation and in software programs for alternate input systems.

ELECTRONIC COMMUNICATION AIDS

Individuals who have a physical disability that also affects the muscles used in speaking may benefit from technology enhancing oral communication. Portable devices providing synthesized speech or written output may aid communication. They may be accessed in a variety of ways, including touch-sensitive keyboards, switches and optical pointers. They may be used standalone or, in some cases, as alternate input to a computer.

ENVIRONMENTAL CONTROL

An environmental control program helps an individual operate lights, a radio, television, a telephone or most any electrical device. For example, by using an environmental control device and a switch or voice recognition system, a person with reduced motor control can turn appliances on and off. In addition, some environmental control aids also function as input to a computer for purposes such as word processing.

Speech or Language

Speech and language disorders include defects of articulation, voice production and rhythm; cleft-palate speech; delayed speech development; disorders associated with hearing impairments; and impairment of language function.

HOW COMPUTERS HELP PERSONS WITH SPEECH AND LANGUAGE IMPAIRMENTS

A speech or language disorder is not a detriment to operating a computer. Software and hardware may be modified to compensate a speech disability.

A speech synthesizer connected to a computer or incorporated into the software can be used as a training and teaching aid for the speech-impaired person or as voice output for the non-vocal person.

For the non-vocal or speech-impaired person who also has mobility impairments, eyetracking systems, light sensors, alternate switches and alternate keyboard devices may serve as communication aids and as alternate input devices to the computer.

Special computer programs have been developed to assist the speech- or language-impaired person to develop adequate articulation or language skills. These special programs assess disorders of speech and language and assist the speech-impaired person to practice speech sound, using the computer as a listener to provide objective feedback on the quality of repetition.

Cognitive rehabilitation software identifies and treats cognitive deficits in stroke- and brain-injured persons. This software concentrates on the detection and retraining of language function such as perceptual deficits, memory, categorization, sequencing and association.

IBM recently provided funds to develop the **Michigan Memory Series** of Software, a series which will prove useful for children and students with learning disabilities, communication disorder, reading disorder, autism, mental retardation and other problems. The program will be useful for adults with stroke, closed head injury and other neurological problems. (For more information, see the Michigan Memory Series listing in the product section of the Speech of Language Guide.)

Input devices that are self-contained, portable communication aids may be used by the speech-impaired or non-vocal person when a computer is not conveniently accessible. These electronic devices usually have associated snythesizers and may be operated with switches if needed.

Vision

According to a survey by the National Center for Health Statistics, approximately 1.4 million Americans have a severe visual impairment (meaning that they are unable to read ordinary newsprint); half of this group are registered as legally blind. While many in this population use and benefit from using computers, still more could.

The IBM Personal System/2 and other IBM personal computers are valuable tools with uses in many different environments - education, business, recreation and daily living tasks. With the advent of the information era and the technological improvements in the microcomputer industry, the number of existing and potential users is rapidly increasing to include people who are visually impaired. Special adaptive hardware and software makes it possible.

HOW COMPUTERS HELP PERSONS WHO HAVE VISUAL IMPAIRMENTS

Enlarged Output

For persons with low vision, reading the standard computer output on a computer screen or printed page usually presents a major obstacle. In such situations, the following adaptations for enlarged output (magnification) may help:

- Magnification lenses placed in front of standard displays
- Larger characters created on standard displays
- Alternative larger displays
- Alternative displays with better or different resolution and color
- Additional display devices or projectors with larger characters
- For printed output, larger characters and more readable fonts

Audio Output

For persons who are blind, computerized voice (audio) output allows the user to read by hearing the information displayed on the computer screen. **Screen reading** software with **speech synthesizer** devices allow the user to navigate the screen and hear what is there. This is a widespread popular solution for many different environments and with different applications, including the use of personal computers to emulate terminals to other larger computers.

Braille

Braille is also available as an output alternative for the blind. Two types of braille devices are braille printers that produce embossed paper output and paperless tactile displays that use retractable pins to form braille characters. Software programs are required to perform the necessary translations to braille files used by the braille devices.

Input adaptations are also used by the visually impaired to improve accuracy and efficiency during data entry. The most frequently used device is the keyboard. Modifications include home key indicators (dimples/dots or felt appliques) and key replacements (larger, more unique) for the often-used keys.

Also, the **speech synthesizer** allows audio output during data entry - providing immediate feedback as data is entered by the user unable to verify visually.

Optical Reader

Another technology with significant advancements in performance and price is the optical reader and character recognition software. Printed information is presented through the combination of scanned character recognition to obtain the information in a computer form (machine-readable format) and an alternate output adaptation (braille or synthetic speech) to read the data.

There are many products for the family of IBM personal computers and Personal System/2 that address productivity and overall usability for all users. Some of these tools and techniques are especially helpful to those who are visually impaired. One such product is the modem and associated support software that allows users, through their telephone lines, to exchange machine-readable information, to access remote data banks of information and to share ideas via electronic bulletin boards.

Further uses for this telecommunication technology fall into the category of daily living activities. Computerized directory look-up and dialing simplify telephone usage. Other electronic activities - mailing, banking and shopping - may be done at home to accommodate those without transportation.

Some additional helpful products in the area of keyboard entry are: abbreviation expansion/keyboard macros, spelling checkers and online thesauruses. Online machine-readable product documentation is much preferred to the printed page.

Some additional products developed specifically for this special population are:

- **Word processing** with synthesized speech output designed into the product's operation
- File readers to provide general purpose voice output of machine-readable files (**other audio output aids**)
- Information handlers such as talking phone directories, talking calculators and general file management products (**other audio output aids**)
- **Alternatives to printed documentation** of the standard hardware and software manuals, e.g., audio cassette, braille or machine-readable formats

In summary, technology and support are available for many blind and visually impaired individuals. The challenge remains to increase the awareness of the benefits that computer technology affords to all who might use it.

IBM Support Programs for Persons with Disabilities

IBM support for persons with disabilities extends across a wide range of programs and resources. The following sections describe some of these areas.

Offering for Persons with Disabilities

In conjunction with IBM-selected community service organizations, IBM offers a program that makes it easier for persons with disabilities to purchase computers for rehabilitative and therapeutic purposes.

Under the program, eligible individuals may purchase IBM Personal System/2 computer products at a 33 to 50 percent discount and may receive individual assistance from local affiliates of the community service organizations when selecting, ordering and installing equipment.

These organizations:

- Verify a person's eligibility for this offering
- Provide general assistance, including technical advice, guidance or consulting
- Determine a suitable configuration, including recommending the appropriate adaptive device/aid or adaptive software
- Help complete the Agreement for IBM Offering for Persons with Disabilities and place the order with IBM
- Advise of warranty options and future maintenance agreement alternatives
- Collect payment for products ordered, including applicable taxes, at the time of order
- Provide hardware set-up assistance and any initial training needed
- Offer telephone support for questions after initial training and installation

Call the organization nearest you for current pricing information. If there is no community service organization listed in your state, contact the site nearest you or the National Easter Seal Society, headquartered in Chicago, or the United Cerebral Palsy Association, headquartered in Washington, D.C.

The participating national and regional community service organizations are the following:

NATIONAL

The National Easter Seal Society is a nonprofit, community-based health agency dedicated to increasing the independence of people with disabilities. Easter Seal organizations make a difference in the lives of disabled adults, children and their families by offering a wide range of support services and research programs. The Easter Seal Society is in the forefront of advocacy efforts on behalf of people with disabilities. Through 200 nationwide affiliates, more than a million people receive services each year.

United Cerebral Palsy Associations (UCPA) represent a national network of community service agencies consisting of 183 affiliates in 44 states. UCPA's affiliate network provides services to children and adults with physical and mental disabilities. Services provided at a local level include preschool and eductional programs, vocational training and placement, housing opportunities, computer access training, plus a full array of assistive technology services.

REGIONAL

Courage Center is a nonprofit organization in Minnesota that provides rehabilitation and independent living services for children and adults with physical and sensory impairments.

HandiSoft is an information services firm in Pennsylvania that hires persons with disabilities as programmers and word processors and for other data services positions. HandiSoft is an affiliate of The Center for Information Resources, a multifaceted data processing training and rehabilitation agency. With The Center For Information Resources, HandiSoft offers comprehensive technical and employment services for persons with disabilities.

Human Resources Center is the National Center on Employment and Disability, a non-profit facility in New York whose mission is to enhance the lives of children and adults with disabilities. The Center provides services and develops programs to increase the ability of persons with disabilities to participate fully in education, employment and social opportunities. Activities include diagnostic, training and rehabilitative services, as well as education, research and demonstration programs. Rehabilitation technology services are provided through the Center's Research and Training Institute.

Rancho Los Amigos Medical Center is a 735-bed, acute general hospital providing comprehensive, interdisciplinary care for persons with disabling conditions. It is owned and operated by the County of Los Angeles and is a teaching hospital of the Univeristy of Southern California Medical School. The Center offers a program of assistive technology, including augmentative communication, computer access, environmental control and worksite modification.

Rose Medical Center is a 420-bed not-for-profit acute care general teaching hospital in Colorado with an emphasis on providing specialty and tertiary care. The hospital operates a 20-bed full-service rehabilitation unit with assistive technology. Services include computer access, seating and positioning, environmental control access, augmentative communication and cognitive rehabilitation.

Here are the organizations listed by state:

State **AL**
UCPA of Birmingham
Dr. Gary Edwards
2430 11th Avenue North
Birmingham, AL 35234
☎(205) 251-0165

State **AR**
Arkansas Easter Seal Society
Ms. Nancy Dunn
2801 Lee Avenue
Little Rock, AR 72225
☎(501) 663-8331

State CA
Rancho Los Amigos Medical Center
Mr. Kevin Caves
Applied Rehabilitation Technology
7601 E. Imperial Highway
Downey, CA 90242
☎(213) 940-6800

State CA
UCPA of San Diego County (North)
Ms. Mary Krieger
750 N. Citracado Pkwy. - Suite D
Escondido, CA 92025
☎(619) 743-1050

State CA
UCPA of San Diego County
Ms. Joy Cole
3821 Calle Fortunada - Suite C
San Diego, CA 92123
☎(619) 571-7803

State CO
Rose Medical Center
Ms. Karen Mergendahl
Rehabilitation Department
4567 East 9th Ave.
Denver, CO 80220
☎(303) 320-2140

State CO
Colorado Easter Seal Society
Mr. David Schmitt
5755 West Alameda
Lakewood, CO 80226
☎(303) 233-1666

State CT
Easter Seal Rehab Center of SW Connecticut
Ms. Debra Nemchek
26 Palmer's Hill Rd.
Stamford, CT 06902
☎(203) 325-1544

State DC
United Cerebral Palsy Assoc. (Nat'l HQ)
Mr. Jim Hollahan
1522 K St. NW - Suite 1112
Washington, DC 20005
☎(202) 842-1266 (800) 872-5827

State GA
Atlanta Easter Seal Society
Ms. Beth Yager
3035 N. Druid Hills Rd.
Atlanta, GA 30329
☎(404) 633-9609

State IL
Easter Seal Society (Nat'l HQ)
Dr. William Salyers
5120 S. Hyde Park Blvd. - Suite 100
Chicago, IL 60615
☎(312) 667-8400

State IL
UCPA Land of Lincoln
Ms. Brenda Yarnell
130 North 16th St.
Springfield, IL 62703
☎(217) 525-6522

State IN
Central Indiana Easter Seal Society
Mr. Tom Blackman
Crossroads Rehabilitation Center
3242 Sutherland Ave.
Indianapolis, IN 46205
☎(317) 924-3251

State KS
Cerebral Palsy Research Foundation of Kansas
Ms. Leah Rosf
2021 North Old Manor
Wichita, KS 67208
☎(316) 688-1888

State MA
Massachusetts Easter Seal Society
Ms. Nancy Kellogg
484 Main St. - 6th floor
Worcester, MA 01608
☎(508) 757-2756 (800) 922-8290

State MN
Courage Center
Mr. Denis Meyer
3915 Golden Valley Rd.
Golden Valley, MN 55422
☎(612) 520-0566

State MO
Missouri Easter Seal Society
Ms. Sue Uknes
5025 Northrup
St. Louis, MO 63110
☎(800) 888-2142 (314) 776-1996

State NJ
UCPA of New Jersey
Ms. Willie Gunther
354 South Broad St.
Trenton, NJ 08608
☎(609) 392-4004

State **NY**
UCP of Capital District
Ms. Helen Lasher
Center for Disabled
314 S. Manning Blvd.
Albany, NY 12208
☎(518) 489-8336

State **NY**
Human Resources Center
Mr. Howard Kramer
201 I.U. Willets Rd. West
Albertson, NY 11507
☎(516) 747-5400

State **NY**
UCPA of New York City
Mr. Frank Hardeman
120 East 23rd St. - 5th floor
New York, NY 10010
☎(212) 979-9700 Ext. 263

State **NY**
UCP of Nassau County
Ms. Rose Nuzzi
380 Washington Ave.
Roosevelt, NY 11575
☎(516) 378-2000

State **NY**
UCPA of Syracuse - "Enable"
Ms. Carol Tytler
1603 Court St.
Syracuse, NY 13208
☎(315) 455-7591

State **PA**
UCP of the Capital Area
Ms. Janet Armstrong
925 Linda Lane
Camp Hill, PA 17011
☎(717) 737-3477

State **PA**
HandiSoft Inc.
Ms. Jean Anderson
Center for Information Resources
3025 Walnut St.
Philadelphia, PA 19104
☎(215) 898-8108

State **RI**
Easter Seal Society of Rhode Island
Mr. Dick Lytton
Meeting Street School
667 Waterman Ave.
East Providence, RI 02914
☎(401) 438-9500

State **TX**
Tarrant County Easter Seal Society
Ms. Molly Shannon
617 Seventh Ave.
Fort Worth, TX 76104
☎(817) 336-8693

State **UT**
Utah Easter Seal Society
Ms. Leslie Heywood
331 S. Rio Grande St. - Suite 206
Salt Lake City, UT 84101
☎(801) 531-0522

State **VA**
Easter Seal Society of Virginia
Mr. Jeff White
4841 Williamson Rd.
P.O. Box 5496
Roanoke, VA 24012
☎(800) 365-1656 (703) 362-1656

State **VT**
UCP of Vermont
Ms. Lee Viets
73 Main St. - room 402
Montpelier, VT 05602
☎(802) 223-5161

Research and Development

IBM is commited to developing equipment for persons with disabilities. Overseeing the development and manufacturing of IBM products for disabled persons is IBM's Special Needs Systems group.

In January 1988, IBM introduced the **IBM Personal System/2 Screen Reader**, a product that lets blind or visually impaired users hear text just as a sighted user would see it displayed on a screen. It was the first member of the **IBM Independence Series** of products designed for computer users with special needs. In October 1989, Screen Reader technology was extended to selected members of the PC family.

In November 1988, IBM introduced the second member of the Independence Series - the **IBM Personal System/2 SpeechViewer**, a vocalization product that helps speech- and hearing-impaired individuals of all ages learn to communicate more effectively.

In December 1989, the **IBM PhoneCommunicator** was announced. This third member of the Independence Series is a computer system to help hearing- and speech-impaired persons communicate effectively on the telephone.

IBM also is involved in research related to future product applications for the disabled. The Special Needs Programs office, based in New York, reviews product design for accessibility to disabled individuals and coordinates research projects for persons with disabilities.

IBM recently provided funds for the development of the **Michigan Memory Series** - software for the Personal System/2 models 25, 30 and 30-286 or the IBM Personal Computer. The Michigan Memory Series has four components: Serial Recall: Assessment - to evaluate amounts of serial recall, an index of short-term memory skills; Serial Recall: Attention - to assess, within a serial recall task, potential attentional deficits; Serial Recall: Rehearsal - to create a learning context for serial rehearsal, a verbal mediation strategy for short-term memory demands; and Lexical Retrieval Skills: Memory in Texts - to assess memory from written material. For more information, contact the University of Michigan Software Intellectual Properties Office, 475 East Jefferson #2354, Ann Arbor, MI 48109-1248.

Program to Train Disabled Persons

The IBM Program to Train Disabled Persons has two major initiatives that differ both in the history of their evolution and in the process used within IBM for their development. These initiatives are Computer Programmer Training for Severely Disabled Persons (CPT) and Personal Computer Based Skills Training for Disabled Persons (PST).

The first inititative, CPT, began in 1972 as a result of a suggestion by a disabled IBM employee. Investigation determined that computer programming provided an ideal opportunity for persons with disabilities to enter the world of information processing. The physical limitations of a disabled person would not necessarily impact on the student's ability to succeed in computer programming.

IBM has expanded the program with the second initiative, PST, to broaden the training opportunities available to persons with disabilities and provide opportunities for students who could not qualify for or complete the computer programmer training. IBM has assisted in the development of 40 training projects currently operating throughout the contiguous United States - 33 are training in computer programming, seven are training only in PC based skills and seven projects conduct training in both computer programming and PC based skills.

The projects have been very successful, placing over 3,000 graduates through December 1989. The average salary for the CPT placements in 1989 was $20,800.

Questions about the program should be directed to Rehabilitation Training Programs, IBM Corp., 800 North Frederick Ave., Gaithersburg, MD 20879; telephone: (301) 240-0111.

Qualifications for entry into training vary among the programs and should be discussed with the local administrator of the program. The students in these programs are certified as disabled by the respective state vocational rehabilitation agencies. A representative listing of disabilities that the program serves include:

- quadriplegia
- paraplegia
- blindness (total or partial)
- deafness (total or partial)
- muscular dystrophy
- cerebral palsy
- ataxia
- post-polio impairment
- closed head injury
- diabetes
- heart transplant
- hypertension
- back injury
- arthritis
- Hodgkin's disease
- emotional disorders
- Charcot-Marie disease
- epilepsy
- birth defect (missing limbs)
- blood disorders
- neurofibromatosis
- renal failure
- substance abuse

The following organizations are participating in the program:

State **AL**
Lakeshore Rehabilitation Facility
3800 Ridgeway Dr.
Birmingham, AL 35209
☎(205) 870-5999

State **CA**
Computer Technologies Program
Ms. Joan Breves
2101 Milvia St.
Berkeley, CA 94704
☎(415) 849-2911

State **CA**
Grossmont College
Mr. Scott Barr
8800 Grossmont College Dr.
El Cajon, CA 92020
☎(619) 465-1700 Ext. 608

State **CA**
San Gabriel Valley Training Center
Ms. Deborah Smith
400 South Covina Blvd.
La Puente, CA 91746
☎(818) 968-8479

State **CA**
Westside Center for Independent Living
Ms. Laura Schultz
12655 West Washington Blvd.
Los Angeles, CA 90066
☎(213) 390-3406

State **CA**
Goodwill Industries
Ms. Terri Straw
2150 Army St.
San Francisco, CA 94124
☎(415) 550-4500

State **CO**
Community College of Denver
Ms. Lil Hunsaker
1111 West Colfax - Box 400
Denver, CO 80204
☎(303) 556-3300

State **FL**
Abilities Inc. of Florida
Mr. Jack Humburg
2735 Whitney Road
Clearwater, FL 34618-4010
☎(813) 535-6526

State **FL**
Lindsey Hopkins Technical Education Center
Ms. Terri Chester
750 NW 20th St. - room D107
Miami, FL 33127
☎(305) 324-6070

State **FL**
Valencia Community College
Ms. Deborah Davis
P.O. Box 3028
Orlando, FL 32802
☎(305) 299-5000

State **GA**
Georgia Computer Campus
Ms. Beth Bryant
480 Lindbergh Dr. NE
Atlanta, GA 30324
☎(404) 894-3972

State **IL**
El Valor Corporation
Mr. Sam Eblen
815 West Van Buren
Chicago, IL 60607
☎(312) 421-0510

State **IN**
Crossroads Rehabilitation Center
Ms. Sherry Henry
3242 Sutherland Ave.
Indianapolis, IN 46205
☎(317) 924-3251

State **LA**
Louisiana State University
Ms. Linda Holliday
CRT Program
E124 Pleasant Hall
Baton Rouge, LA 70803
☎(504) 388-1965

State **MD**
Maryland Rehabilitation Center
Mr. William Leard
2301 Argonne Dr.
Baltimore, MD 21218
☎(301) 554-3101

State **MI**
State Tech. Institute & Rehabilitation Center
Mr. Bruce Callender
Alber Drive
Plainwell, MI 49080
☎(616) 664-4461

State **MN**
Multi Resource Center
Mr. Ted Kline
1900 Chicago Ave.
Minneapolis, MN 55404
☎(612) 871-2402

State MO
Goodwill Industries of Kansas City
Ms. Nicole Wright
1817 Campbell St.
Kansas City, MO 64108
☎(816) 842-7425

State MO
Missouri Goodwill Industries
Ms. Jacquie Cole
4140 Forest Park Blvd.
St. Louis, MO 63108
☎(314) 371-6320

State MS
Vocational Development Division
State of Mississippi
P.O. Box 22806
Jackson, MS 39225
☎(601) 354-6272

State NC
Goodwill Industries of Southern Piedmont
Ms. Joy Fortune
2122 Freedom Dr.
Charlotte, NC 28266
☎(704) 372-3434

State NJ
Goodwill Industries of New Jersey
Ms. Debra Balady
400 Worthington Ave.
Harrison, NJ 07029
☎(201) 481-2300

State NY
Human Resources Center
Mr. Howard Kramer
201 I.U. Willets Rd. West
Albertson, NY 11507
☎(516) 747-5400

State NY
DAYTOP
Dr. Natalie Silverstein
54 West 40th St.
New York, NY 10018
☎(212) 354-6000

State NY
Phoenix House
Mr. Ronald Coster
164 West 74th St.
New York, NY 10023
☎(212) 595-5810

State NY
United Cerebral Palsy
Mr. Randy Shannon
120 East 23rd St.
New York, NY 10010
☎(212) 979-9700

State NY
Rochester Rehabilitation Center
Ms. Susan Anselm
44 Mt. Hope Ave.
Rochester, NY 14620
☎(716) 232-4600

State NY
Search for Change
Ms. Anna Danoy
66 Fulton Street
White Plains, NY 10606
☎(914) 428-5600

State OH
Goodwill Industries
Ms. Shelly Wallace
10600 Springfield Pike
Cincinnati, OH 45215
☎(513) 771-4800

State OH
Computer Programmer Training
Ms. Lori Blythe
Goodwill Rehabilitation Center
1331 Edgehill Rd.
Columbus, OH 43212
☎(614) 294-5181

State OK
Oklahoma Goodwill Industries
Ms. Merry Sue Jenks
410 SW 3rd
Oklahoma City, OK 73109
☎(405) 236-4451

State PA
Center for Information Resources
Mr. James Vagnoni
3025 Chestnut St. - 3rd floor
Philadelphia, PA 19104
☎(215) 898-8108

State **SC**
South Carolina Vocational Rehabilitation Dept.
Mr. David Lever
1410 Boston Ave.
West Columbia, SC 29171
☎(803) 734-4300

State **TX**
Vocational Rehabilitation Program
Ms. Gloria Rosenberg
El Centro Community College
Main at Lamar
Dallas, TX 75202
☎(214) 746-2167

State **TX**
Goodwill Industries
Mr. Steve Lufburrow
5200 Jensen Dr.
Houston, TX 77026
☎(713) 692-6221

State **TX**
Project Independence
Ms. Shirley Pacetti
Houston Community College
22 Waugh Dr.
Houston, TX 76202
☎(713) 868-0790

State **UT**
Salt Lake Skills Center
Mr. Jack Hesleph
1040 West 700 South
Salt Lake City, UT 84104
☎(801) 328-5511

State **VA**
Computer Programmer Training Project
Mr. Kerry Krause
Woodrow Wilson Rehabilitation Center
Fishersville, VA 22939
☎(703) 332-7227

State **VA**
Riverside Rehabilitation Institute
Ms. Amanda Bell
245 Chesapeake Ave.
Newport News, VA 23607
☎(800) 367-6212 (804) 928-8150

State **WA**
Resource Center for the Handicapped
Mr. Paul Reich
Project Entry
20150 45th Ave. NE
Seattle, WA 98155
☎(206) 362-2273

State **WI**
Goodwill Industries of Southeastern Wisconsin Inc.
Mr. Richard Groh
6055 North 91st Street
Milwaukee, WI 53225
☎(414) 353-6400

State
Alternative Computer Training for the Disabled (ACT)
Mr. Karl Fuller
562 Eglinton Ave. East - Suite 300
Toronto, Ontario, M4P-1B9
Canada
☎(416) 488-4076

Corporate Support Programs

IBM Corporate Support Programs serve community efforts in locations where IBM operates. Requests are considered from publicly supported organizations exempt from federal income tax under Section 501 (C)(3) of the Internal Revenue Code. Equipment donations are limited primarily to agency programs engaged in job training for the economically disadvantaged and the physically disabled.

Requests for funding will be considered in the following four major areas of support:

1. **Education** - science and engineering, business economics, management and minority programs of higher educational institutions.

2. **Health and Welfare** - hospitals, youth agencies, local/national health agencies and community projects.

3. **Civic** - public policy research, minority organizations and local and national organizations.

4. **Cultural** - museums, performing arts groups, public broadcasting and other cultural organizations.

The IBM Corporate Support Programs office does not consider requests from political, religious, fraternal or animal welfare organizations. In addition, athletic and competitive events, telethons, raffles and auctions are not considered.

To submit a proposal, forward a description of your organization/project, a current annual report, financial statement and income statement, proof of tax exemption, a listing of board members and specific support levels of other companies to IBM Corporate Support Programs, 2000 Purchase St., Purchase, NY 10577. Local or regional organizations should contact the local IBM Plant or Branch Office.

The IBM University Relations office supports programs of classroom instruction in math, engineering and certain physical sciences for disabled students at the elementary, secondary and higher education levels. For details, contact Charlie Bowen, IBM University Relations, 500 Thornwood Ave., Thornwood, NY 10574.

Information System for Advanced Academic Computing (ISAAC)

ISAAC - the Information System for Advanced Academic Computing - provides information about IBM-compatible software and hardware for higher education instruction and research. The system was developed and is being maintained at the University of Washington. ISAAC is funded by IBM as a service to faculty, students and staff of institutions of higher education. There is **no fee** for membership.

ISAAC offers two basic services: a bulletin board and numerous databases. ISAAC contains research abstracts, software catalogs, a software information database and notes from colleagues around the country. The databases contain listings of software packages suitable for instruction or research, descriptions of projects which have used IBM products and a guide to additional sources of information such as journals, associations, directories and other databases.

Information from the IBM National Support Center for Persons with Disabilities database is included in ISAAC.

The bulletin board provides a forum for discussions among ISAAC users at more than 1,500 colleges and universities. **Toll-free phone numbers** are provided for PC-modem access from the United States, Canada and Puerto Rico.

Prospective users who do not have modems or who live outside the toll-free calling area should consider trying BITNET, an electronic mail system.

For more information on ISAAC or BITNET, call (206) 543-5604 or contact:

ISAAC Access
m/s FC-06
University of Washington
Seattle, WA 98195

National Support Groups

The support groups listed here include national agencies and professional associations. They use varied approaches to disseminate information and direct activities toward diverse audiences. Some examples of activities and services provided include information clearinghouse; advocacy; legislative monitoring; peer counseling; support services; sponsorship of conferences, workshops and seminars; and research.

Please read the descriptions and contact the groups directly for specific details. Groups are sorted alphabetically. See the index to find a national support group listed by disability category.

4 Sights
16625 Grand River
Detroit, MI 48227
☎ (313) 272-3900
4 Sights offers a national information system for the visually impaired.

AbleData (Newington Children's Hospital)
181 E. Cedar St.
Newington, CT 06111
☎ (800) 344-5405 (203) 667-5405
Funded by the National Institute on Disability and Rehabilitation Research, AbleData maintains a database with over 15,000 listings of adaptive devices for all disabilities.

Academy of Otolaryngology-Head & Neck Surgery
1101 Vermont Ave. NW - Suite 302
Washington, DC 20005
☎ (202) 289-4607
The academy promotes the art and science of medicine related to otolaryngology - head and neck surgery, including providing continuing medical education courses and publications. It distributes patient leaflets relating to ear problems, makes referrals to physicians and publishes a journal and newsletter.

Accent on Information
P.O. Box 700
Bloomington, IL 61702
☎ (309) 378-2961
This center has a computerized database organized by disability function and category of equipment.

ACTT (Activating Children Through Technology)
W.I.U. - 27 Horrabin Hall
Macomb, IL 61455
☎ (309) 298-1014
Project ACTT is a computer curriculum for children with disabilities from birth to eight years of age. The ACTT curriculum provides communication possibilities, develops problem solving skills and fosters the child's expectations of control over the environment.

Adamlab
33500 Van Bord Rd.
Wayne, MI 48184
☎ (313) 467-1415
Adamlab, a research center, has a network database and can supply information, training, diagnostic and direct support. The center helps with information, referral, research, training and direct support; disabilities - mental, speech.

ADDS (Assistive Device Database System)
650 University Ave. - Suite 101B
Sacramento, CA 95825
☎ (916) 924-0280
A source of computerized information on adaptive equipment programs and other resources.

AdvocNet - Nat'l Ctr for Research in Vocational Ed.
1960 Kenny Rd. - Ohio State University
Columbus, OH 43210-1090
☎ (800) 848-4815 (614) 486-3655
This electronic mail network serves adult and vocational special needs users.

AFTA (American Foundation for Technology Assistance)
Rt. - 14 Box 230
Morganton, NC 28655
☎ (704) 438-9697
AFTA serves disabled persons and organizations with special technology needs, promotes awareness and maintains databases of products, devices and resources. AFTA provides funding for purchase of special technology and has a newsletter.

Alexander Graham Bell Assoc. for the Deaf
3417 Volta Pl. NW
Washington, DC 20007
☎ (202) 337-5220
The association is committed to speech education and providing information; it publishes: Volta Review, Newsounds (newsletter), Our Kids Magazine, Children's Corner (children's rights information and hearing impaired issues in the classroom).

Amer. Academy - Cerebral Palsy & Developm'l Medicine
1910 Byrd Ave. - Suite 118
P.O. Box 11086
Richmond, VA 23230-1086
☎ (804) 282-0036
This center provides information through a database, referral service and a research center. Help can be obtained for the following disabilities: vision, mobility, hearing, learning, mental and speech.

American Association for the Advancement of Science
Science, Technology and Disability Project
1333 H St. NW - 10th floor
Washington, DC 20005
☎ (202) 326-6671
The association addresses concerns of persons with disabilities in science and engineering, including improved science career information for students; a major component is a resource group of scientists with disabilities to whom inquiries may be referred.

American Blind Lawyers Association
1010 Vermont Ave. NW - Suite 1100
Washington, DC 20005
☎ (800) 424-8666
The association is an organization of attorneys who recognized the need for a national group.

American Cleft Palate Association
University of Pittsburgh
1218 Grandview Ave.
Pittsburgh, PA 15261
☎ (800) 24-CLEFT
The association provides referral index to relevant publications and ongoing research.

American Council of the Blind
1010 Vermont Ave. NW - Suite 1100
Washington, DC 20005
☎ (202) 393-3666 (801) 424-8666
National affiliation of individual members found in more than 60 different occupations.

American Deafness & Rehabilitation Association
P.O. Box 55369
Little Rock, AR 72225
☎ (501) 663-4617
This membership organization and network promotes, develops and expands services, research and legislation for deaf persons and publishes a journal.

American Diabetes Association
National Service Center
1660 Duke St.
Alexandria, VA 22314
☎ (800) 232-3472
Local chapters provide community service and access to education and publications.

American Foundation for the Blind (AFB)
15 West 16th St.
New York, NY 10011
☎ (800) 232-5463 (212) 620-2032
This is the national office for the AFB. AFB provides a free catalog for many adaptive devices sold by the foundation and provides ID cards, publications and lists scholarships available.

American Hearing Research Foundation
55 E. Washington St. - Suite 2022
Chicago, IL 60602
☎ (312) 726-9670
The foundation informs physicians and lay people of the latest developments in hearing research and education and publishes a newsletter.

American Heart Association
7320 Greenville Ave.
Dallas, TX 75231
☎ (214) 706-1179
Provide publications and research on stroke and cerebrovascular disease. There are local chapters throughout the country.

American Information Systems Inc.
1101 14th St. NW - Suite 950
Washington, DC 20005
☎ (202) 682-5959
AIS provides training for groups or individuals with low vision, blindness or needing interpretor services.

American Lung Association
1740 Broadway
New York, NY 10019
☎ (212) 315-8700
The association offers information and publications and has local chapters throughout the country.

American Occupational Therapy Assoc. (AOTA)
1383 Piccard Drive
Rockville, MD 20850
☎ (301) 948-9626
AOTA offers a network and resource center to persons who have the following disabilities: vision, mobility, hearing, learning, mental and speech.

American Paralysis Association
P.O. Box 187
Short Hills, NJ 07078
☎ (800) 225-0292 (201) 379-2690
This chapter-based non-profit agency encourages and supports research to find a cure for paralysis caused by spinal cord injury, head injury and stroke. The APA Spinal Cord Injury Hotline is a 24-hour information and referral service: (800) 526-3456.

American Paralysis Association
2201 Argonne Dr.
Baltimore, MD 21218
☎ (800) 526-3456
24-hour toll free hotline providing referrals and other information relative to rehabilitation and psychological adjustment.

American Parkinson's Disease Association
116 John Street
New York, NY 10038
☎ (800) 223-APDA
The association provides information about the disease, including support groups, research grants and centers.

American Printing House for the Blind
1839 Frankfort Ave
P.O. Box 6085
Louisville, KY 40206
☎ (502) 895-2405
Provides Braille books, large type books, Braille academic texts, tangible aids, computer hardware (speech) and software and computer-related materials on disk.

American Society for Deaf Children
814 Thayer Ave.
Silver Spring, MD 20910
☎ (301) 585-5400
This membership organization provides information and support to parents and families with children who are deaf or hearing impaired. Publication: The Endeavor.

American Society of Deaf Social Workers
c/o Mental Health Svcs for Hearing Impaired
Horizon Hospital, 11300 U.S. 19 South
Clearwater, FL 33546
☎ (813) 541-2646
This organization promotes information sharing and upgrades the professional standards among hearing and non-hearing social workers who work with the hearing impaired. ASDSW is a member of the American Deafness and Rehabilitation Association.

American Speech-Language-Hearing Association
10801 Rockville Pike
Rockville, MD 20852
☎ (800) 638-8255 (301) 897-5700
This is a professional scientific organization for speech-language pathologists and audiologists. It has several publications and journals and provides information on communication disorders and referrals to professionals.

American Tinnitus Association
P.O. Box 5
Portland, OR 97207
☎ (503) 248-9985
Provides education and information about tinnitus to patients and professionals. Provides telephone counseling and self-help support and raises money for research. Publication: ATA newsletter, Tinnitus Today.

Amyotrophic Lateral Sclerosis (The ALS Association)
21021 Ventura Blvd. - Suite 321
Woodland Hills, CA 91364
☎ (818) 340-7500 (800) 782-4747
The ALS Association is the only non-profit national voluntary health organization dedicated to the fight against ALS (often called Lou Gehrig's disease) through research, patient support, information and public awareness.

ARTN (Advanced Rehabilitation Technology Network)
25825 Eshelman Ave.
Lomita, CA 90717
☎ (213) 325-3058
Database information exchange relative to rehabilitation, employment and general related messages.

Assistive Device Center
Cal State University - Sacramento
6000 J St.
Sacramento, CA 95819
The Center offers Augmentative Communication Training modules: videotapes featuring clients participating in assessment and training to demonstrate procedures for selecting and using augmentative communication systems - switches, text entry, keyboards.

Assistive Devices Information Network
University Hospital - Develop. Disabilities
The University of Iowa
Iowa City, IA 55242
☎ (800) 331-3027 (319) 356-0768
This information network provides information about assistive devices, the vendors who make them and suggestions on how to order. The network uses ABLEDATA and an in-house database network.

Assoc. for Education & Rehab. - Blind & Vis. Impaired
206 N. Washington St. - Suite 320
Alexandria, VA 22314
☎ (703) 548-1884
This international membership organization is dedicated to the advancement of education and rehabilitation of the blind and visually impaired.

Association for Disabled Students
P.O. Box 21192
Columbus, OH 43221
☎ (614) 488-4972
This is a national association of professionals working on college campuses with disabled students.

Asthma & Allergy Foundation
1717 Massachussetts Ave. NW - Suite 305
Washington, DC 20036
☎ (202) 265-0265
Funds available for research. A wide selection of information is available.

AT&T National Special Needs Center
2001 Rt. 46 - Suite 310
Parsippany, NJ 07054-1315
☎ (800) 233-1222 800/833-3232TDD
This AT&T Center serves the communications needs of customers with hearing, speech, motion or vision impairments and publishes a catalog on TDD services, long distance information and products.

Autism Society of America (ASA)
1234 Massachusetts Ave. NW - Suite 1017
Washington, DC 20005
☎ (202) 783-0125
ASA is a national parent, professional and advocacy organization for people with autism; it offers local services as well as public policy advocacy and information and referral services. This organization provides information relating to developments in the field of autism.

Better Hearing Institute
P.O. Box 1840
Washington, DC 20013
☎ (800) EAR-WELL (703) 642-0580
The Institute is dedicated to informing hearing impaired persons, their friends and relatives and the public about hearing loss and available medical, surgical and amplification assistance. Publication: Communicator.

Blind Computer Users of America
5028 Merit Dr.
Flint, MI 48506
☎ (313) 736-3774
This is a users group dedicated to providing useable and affordable software.

Blinded Veterans Association
477 H St. NW
Washington, DC 20001-2694
☎ (202) 371-8880
The association assists blind veterans with rehabilitation and vocational benefits, job placement and other aid and promotes employment. Quarterly magazine is The BVA Bulletin.

Braille Institute
741 North Vermont Ave.
Los Angeles, CA 90029-3594
☎ (800) 252-9486 (213) 663-5881
Comprehensive, year-round programs of training, education and special services for the blind of all ages. Special training in orientation and mobility. This center can demonstrate the IBM Screen Reader.

BrainTrain
1915 Huguenot Rd.
Richmond, VA 23235
☎ (804) 794-4841
BrainTrain is a publisher of software catalogs, including a Special Education and Rehabilitation Catalog and a Cognitive Rehabilitation Catalog.

CAD Institute
4100 East Broadway - Suite 150
Phoenix, AZ 85040
☎ (602) 437-0405
This school specializes in teaching the use of mechanical/technical CAD applications.

Canadian National Institute for the Blind
1931 Bayview Avenue
Toronto, Ontario, M4G 4C8
☎ (416) 486-2500
The CNIB helps blind and visually impaired persons to identify and find appropriate employment. Programs cover all stages of career decision-making, training and job placement: vocational rehabilitation services, vocational evaluation, employment placement, group job-search, skill training and employment consultation. CNIB serves 10,000 clients in 55 offices throughout Canada.

Canine Assistance for the Disabled Inc.
4545 Forest Pard - Apt. 309
St. Louis, MO 63108
☎ (314) 361-7936
CADI provides persons with physical or hearing impairment with a dog trained to assist in meeting daily needs - customized according to client needs.

Canine Helpers for the Disabled
5699-5705 Ridge Rd. (Rt. 104)
Lockport, NY 14094
☎ (716) 433-4035
Canine Helpers is a non-profit organization devoted to training dogs to assist people with disabilities to lead more independent, secure lives - hearing, mobility, therapy dogs. The group also trains dogs for persons with multiple disabilities.

Captioned Films/Videos for the Deaf
Modern Talking Pictures Service
5000 Park Street North
St. Petersburg, FL 33709
☎ (800) 237-6213
Captioned Films provides free loans of educational and entertainment captioned films and videos.

Carroll Center for the Blind
770 Centre St.
Newton, MA 02158-2597
☎ (617) 969-6200 (800) 852-3131
This non-profit organization evaluates and trains visually impaired computer users. They publish a resource manual listing funding sources and curriculum; the center assists with information, demonstrations and training relative to the IBM Screen Reader.

Catholic Guild for the Blind Inc.
1011 First Avenue
New York, NY 10022
☎ (212) 371-1000
Support services for the blind and visually impaired.

Center for Consumer Healthcare Information
1821 East Dyer Rd.
Santa Ana, CA 92705
☎ (714) 752-2335
The center publishes a comprehensive resource guide on rehab services, nursing facilities, hotlines and databases, homecare providers, etc.

Center for Developmental Disabilities
Benson Building
University of South Carolina
Columbia, SC 29208
☎ (800) 922-9234 (803) 777-4839
The Center maintains a database, PSI-TECH, with information about resources across the country, including rehab resources, assistive technology and lists of therapists and rehab engineers.

Center for Independent Living - Blind/Low Vision Serves
2539 Telegraph Ave.
Berkeley, CA 94704
☎ (415) 841-4776 415/848-3101TDD
This center provides counseling, support groups, information, referral and independent living skills training.

Center for Rehabilitation Technology
South Carolina Rehabilitation Department
1410-C Boston Ave.
West Columbia, SC 29171
☎ (803) 739-5362
This national rehabilitation engineering center addresses service delivery needs for assistive technology. Training and technical services are provided.

Center for Special Education Technology
Council for Exceptional Children
1920 Association Drive
Reston, VA 22091
☎ (800) 873-8255 (703) 620-3660
This national information center, funded by the U.S. Dept. of Education's Office of Special Education Programs, serves to influence the quality, availability and use of technology in special education through information products which highlighy trends, resources, practices and research efforts.

Center on Evaluation of Assistive Technology
National Rehabilitation Hospital
102 Irving St. NW
Washington, DC 20010-2949
☎ (202) 877-1932 202/726-3996TDD
The center develops ways of collecting, producing and distributing information to help users, prescribers and third-party payers make intelligent selections of devices.

Children with Attention Deficit Disorder (CH.A.D.D.)
1859 North Pine Island Rd. - Suite 185
Plantation, FL 33322
☎ (305) 384-6869
CH.A.D.D. is a non-profit support group for parents with children with ADD, providing continuing education and information to assure the best education for children with ADD.

Clearinghouse Depository for Handicapped Students
P.O. Box 944272
Sacramento, CA 94244-2720
☎ (916) 445-5103 (916) 445-1290
This group provides specialized instructional material, aids and equipment to students from preschool through college. It records and duplicates textbooks for the visually impaired and provides consultant services to schools serving the visually impaired. It provides people who transcribe into Braille, large print and cassette tapes.

Clearinghouse on Computer Accommodation (COCA)
General Services Administration
18th and F St. NW - KGDO, room 2022
Washington, DC 20405
☎ (202) 523-1906
COCA has information available concerning accommodations for all disabilities; its primary focus is assistance to federal agencies.

Closing The Gap
P. O. Box 68
Henderson, MN 56044
☎ (612) 248-3294
This organization provides the latest information in technology for disabled persons; sponsors national and regional conferences, workshops and training; operates a bookstore; and publishes a newspaper and directory of hardware and software products. CTG Solutions is a relational database of information about microcomputer technology for persons with special needs.

Clovernook Printing House for the Blind
7000 Hamilton Ave.
Cincinnati, OH 45231
☎ (513) 321-2232
Clovernook publishes a braille quarterly, TACTIC, on technology for visually impaired and blind people.

College Hill Press
34 Beacon St.
Boston, MA 02108
☎ (617) 227-0730
College Hill publishes many titles each year covering speech and language, hearing, special education and communicative disorders.

College Placement Council
62 Highland Avenue
Bethlehem, PA 18017
☎ (215) 868-1421
A national association with services for career planning, placement and recruitment professionals.

Communication Skill Builders
3830 East Bellevue
P.O. Box 42050
Tucson, AZ 85733
☎ (602) 323-7500
CSB publishes and markets supplementary materials for speech, hearing, language therapy and special education. Therapy Skill Builders (a division) markets materials for occupational and physical therapy and related fields.

CompuHelp
P.O. Box 1352
Roseville, CA 95661-1352
☎ (916) 783-0364 (916) 786-3923
This group has information available relative to vision disabilities. The second phone number is for accessing their bulletin board. A member of I-BUG, the International Blind Users Group.

Compuserve - Handicapped Users' Database
5000 Arlington Centre Blvd.
Columbus, OH 43220
☎ (800) 818-8199
This nationwide database with bulletin boards provides information on disabled persons, issues and technology

ComputAbility
40000 Grand River - Suite 109
Novi, MI 48050
☎ (313) 477-6720
This Special Needs Marketing Specialist (SNMS) specializes in catalog sales and markets many of their own products. They sell the three IBM Independence Series products: Screen Reader, SpeechViewer and PhoneCommunicator (SRD, SPV, PHC).

Compute Able Network
P.O. Box 1706
Portland, OR 97207
☎ (503) 645-0009 503/645-2049FAX
Compute Able Network strives to help people through adaptive computer technology. The company provides services, technical assistance, site assessments and training, including evaluation, equipment and workstation design training and followup.

Computer Access for the Blind
135 West 23rd St.
New York, NY 10011
☎ (212) 255-6688
CAB provides consultation and training to blind computer users.

Computer Center for the Visually Impaired
Baruch College - CUNY
17 Lexington Ave.
New York, NY 10010
☎ (212) 725-7644
The center offers blind and low vision persons a range of educational services, including training in word processing, accounting and database management software. The center is international in outreach and offers career counseling, PC training and a braille production service.

Computer-Disability News
National Easter Seal Society
70 East Lake St.
Chicago, IL 60601
☎ (312) 667-7400
This newsletter is a computer resource quarterly for people with disabilities and is published by The National Easter Seal Society in Chicago.

Computerized Books for the Blind
33 Corbin Hall
University of Montana
Missoula, MT 59812
☎ (406) 243-5481
Computerized Books for the Blind is a nonprofit organization devoted to providing written information in computer-accessible format to disabled persons.

Council for Exceptional Children
Center for Special Education Technology
1920 Association Dr.
Reston, VA 22091-1589
☎ (800) 873-8255 (703) 620-3660
CEC is a national association of special education teachers, administrators and university students training to be teachers. Its Center for Special Education Technology provides services to promote information about technology and publishes Exceptional Children and Teaching Exceptional Children. The council operates ERIC (Educational Resources Information Center) database, featuring curriculum guides and research. To access ERIC, call (800) 873-3742.

Council for Learning Disabilities
P.O. Box 40303
Overland Park, KS 66204
☎ (913) 492-8755
This professional membership organization works with students/clients who have learning disabilities. It publishes a free quarterly journal and newsletter.

Council on Assistive Devices and Listening Systems
P.O. Box 32227
Washington, DC 20007
This organization of manufacturers and distributors alerts the general public to ways in which electronic devices and systems can help hearing impaired persons cope more effectively with their disability.

CREATE - Center for Rehabilitation Engineering and Appropriate Technology Education
1600 Holloway Ave. - SF State Univ.
San Francisco, CA 94132
☎ (415) 338-1333
CREATE is a federally funded program for students - a hands-on, team approach to identifying and designing solutions for persons with disabilities. Programs lead to several masters degrees.

CRISP (Computer Retrieval: Info. on Scient. Prjcts)
5333 Westbard Ave. - room 148
Bethesda, MD 20205
☎ (301) 496-7543
A scientific database of information developed from recent government health research.

CUSSNet (Computer Use in Social Services Network)
P.O. Box 19129
Arlington, TX 76019
☎ (817) 273-3964
Computerized inventory of commercially available human services software, including information on disabled users. Local and national bulletin boards, downloading of public domain software, skills bank and special interest groups.

Deafness and Communication Disorders Branch
Rehabilitation Services - Dept. of Education
330 C St. SW - Room 3316
Washington, DC 20201
☎ (202) 732-1401 202/732-1330TDD
This organization promotes rehabilitation services for persons who are deaf, hearing impaired, speech impaired and language disordered. It provides technical assistance to RSA staff, state rehabilitation agencies, other public and private agencies and individuals.

Deafness Research Foundation
9 East 38th St.
New York, NY 10016
☎ (212) 684-6556 (212) 684-6559
The foundation supports and provides grants for research into causes, treatment and prevention of deafness to hospitals, universities and non-profit institutions. Publication: Receiver.

Deafpride Inc.
1350 Potomac Ave. SE
Washington, DC 20003
☎ (202) 675-6700
This non-profit, advocacy organization works for the human rights of deaf people and their families. Assists groups to organize and work together for change in the District of Columbia and throughout the United States. Publication: The Deafpride Advocate.

DeafTek.USA
International Deaf/Tek, Inc.
P. O. Box 2431
Framingham, MA 01701-0404
☎ (508) 620-1777 (508) 879-0410
Provides private electronic mail service as well as bulletin board information on deafness related issues and employment opportunities. Specialized limited access bulletin boards such as Psych.Net for psychologists working with deaf persons.

Developmental Disabilities Bureau
Dept. of Health and Human Services
330 C St. SW
Washington, DC 20201
☎ (202) 245-0870
Support and advocacy services.

Developmental Disabilities Technology Library
Assoc. for Retarded Citizens of the U.S.
2501 Avenue J
Arlington, TX 76006
☎ (817) 640-0204
The DDTL is a computerized database of information on the application of advanced technology and assistive devices for children and adults with disabilities. The database includes publications and books, authorities on the use of devices, resource agencies and vendors of devices.

Dialoque
3100 Oak Park Ave.
Berwyn, IL 60402
☎ (312) 749-1908
This publication, available in Braille, large print, cassette or recorded disk features articles on computer highlights and access technology for visually impaired persons.

Direct Link for the Disabled
P.O. Box 6762
Solvang, CA 93463
☎ (805) 688-1603
A nonprofit referral agency, Direct Link maintains listings of more than 10,000 organizations and commuinty-based resource centers for all ages and disabilities.

Direction Service
730 E. Vine - room 107
Springfield, IL 62703
☎ (800) 634-8540 (217) 523-1232
This agency provides information about services and resources - a one-stop source of information and help for family members with physical, mental and emotional disabilities: counseling, education, residential placement, therapy, transportation and other support services.

Disability Access Network
P.O. Box 6541
San Rafael, CA 94903-0541
☎ (415) 499-3877
Database of information.

Disability Information & Referral Service
3805 Marshall St.
Wheat Ridge, CO 80033
☎ (303) 420-2942 800/255-3477TDD
The DIRS provides information about services available to persons with disabilities, their families and support groups. Through a computerized database, DIRS has information from the private sector, government and government-supported agencies.

Disability Rights Education and Defense Fund Inc.
2212 6th Street
Berkeley, CA 94710
☎ (415) 644-2555
A legal resource center offering education, advocacy, research and policy analysis and local referrals to callers.

Dogs for the Deaf Inc.
10175 Wheeler Rd.
Central Point, OR 97502
☎ (503) 826-9220
This service provides certified Hearing Ear Dogs free of charge to qualified deaf applicants.

Easter Seal Society (Nat'l HQ)
5120 S. Hyde Park Blvd. - Suite 100
Chicago, IL 60615
☎ (312) 667-8400
This Community Service Organization (CSO) has formed a partnership with IBM to make PCs more affordable for persons with disabilities. They assist eligible users in evaluating solutions, ordering and installing. They are able to demonstrate the IBM Screen Reader.

Educational Administrators Serving the Deaf
Gallaudet University
800 Florida Ave. NE
Washington, DC 20002
☎ (202) 651-5015
This organization is committed to improving the management of programs for deaf students and the educational options for deaf people. Publication: American Annals of the Deaf.

Episcopal Conference of the Deaf
1210 Locust Street
St. Louis, MO 63103
☎ (314) 421-2685
The conference promotes ministry for deaf persons throughout the Episcopal Church and is affiliated with approximately 50 congregations in the United States. Publication: The Deaf Episcopalian.

EQUAL BBS
3535 S. Wilmington St.- Suite 205
Raleigh, NC 27603
☎ (919) 772-7513
Offers 20 computerized databases, generally catagorized by disability. Focus is on hardware, software, aids and adaptations to help disabled persons live more independently.

Exceptional Teaching Aids
20102 Woodbine Ave.
Castro Valley, CA 94546
☎ (415) 582-4859
Exceptional Teaching Aids provides educational materials and products for visually impaired students, including young and old braille beginners.

Federation for Children with Special Needs
312 Stuart - 2nd floor
Boston, MA 02116
☎ (617) 482-2915
The Federation, part of the National Network of Parent Centers, offers support services to parents, groups and others concerned with children with special needs.

Federation of the Handicapped
211 West 14th St.
New York, NY 10011
☎ (212) 242-9050
This group offers training and diagnostic support for persons with the following disabilities: vision, mobility, hearing, learning, speech, mental.

Fliptrack Learning Systems
999 Main St. - Suite 200
Glen Ellyn, IL 60137
☎ (800) 222-FLIP (312) 790-1117
FlipTrack Learning Systems publishes self-study courses for a variety of microcomputer software - including Lotus, Excel, WordPerfect. Audio tapes are tone indexed for the visually impaired.

Foundation for Glaucoma Research
490 Post St. - Suite 1042
San Francisco, CA 94102
☎ (415) 986-3162
This is a support and advocacy organization.

Glaucoma Foundation
310 East 14th St.
New York, NY 10003
☎ (800) 832-3826 (212) 260-1000
National foundation, advocacy, support.

Greater Detroit Society for the Blind
16625 Grand River Ave.
Detroit, MI 48227
☎ (313 272-3900)
This group provides computer use for the blind for educational and employment purposes, including 4-Sights Network, a free national computer bulletin board.

Greg Trobaugh
39-44 24th St. - # 3B
Long Island City, NY 11101
☎ (718) 482-0088
A bulletin board service designed to provide support to computer users with special emphasis on making information available to disabled persons regarding the use of the computer for work and rehabilitation.

Guide Dog Foundation for the Blind
371 E. Jericho Turnpike
Smithtown, NY 11787
☎ (516) 265-2121 (800) 548-4337
Provides guide dogs to blind or visually impaired persons. A dog, its equipment and a 25-day residential training program are provided at no cost.

Hadley School for the Blind
700 Elm St. - P.O. Box 299
Winnetka, IL 60093
☎ (800) 323-4238
Home study courses for the blind: introduction to microcomputers & PCs. A tuition-free and accredited correspondence course toward a high school degree is offered in braille or audio cassette. Print courses are provided for sighted parents of blind infants and children.

Handicapped Education Exchange
11523 Charlton Dr.
Silver Spring, MD 20902
☎ (301) 681-7372
The exchange provides a computerized bulletin board TTY/TDD and access bulletin TTY/TDD. Computer numbers: (310) 593-7033 (TDD or 300 baud ASCII) and (301) 593-7357 (ASCII only, 300/1200 baud).

Handicapped Users' Database
5000 Arlington Centre Blvd.
Columbus, OH 43220
☎ (800) 848-8990
Information, database, referral; disabilities - vision, mobility, hearing, learning, speech, mental.

Harrington Arthritis Research Center
1600 E. Van Buren
Phoenix, AZ 85006
☎ (602) 254-0377
The center seeks methods to alter arthritis by: defining needs of patients; developing medical and surgical applications; applying latest technology, educating patients and families; providing help to physicians and health professionals.

Health Enhancement Learning Programs
P.O. Box 543065
Dallas, TX 75354-3065
☎ (800) 334-4403 (214) 902-8277
HEALTH sponsors the VIVA!Spinal Injury Series, a computer-based patient education system on spinal cord injury.

HEAR NOW
4001 S. Magnolia Way - Suite 100
Denver, CO 80237
☎ (303) 758-4919 800-648HEAR-TDD
HEAR NOW is a national charitable, nonprofit organization which raises funds to provide grants and/or loans to individuals with financial need to help cover the cost of hearing aid aids or cochlear implantation.

Hear Say Inc.
1825 74th St.
Brooklyn, NY 11204
☎ (718) 256-1607
A support group for blind and visually impaired persons. Contact the corporate office for local chapters.

HEATH Resource Center
One Dupont Circle - Suite 800
Washington, DC 20036-1193
☎ (800) 544-3284 (202) 939-9320
Information on access to all post-secondary education programs for students with disabilities, their parents and service providers - a national clearinghouse.

Helen Keller National Center for Deaf & Blind
111 Middle Neck Rd.
Sands Point, NY 11050-1299
☎ (516) 944-8900
This is the national facility which provides comprehensive evaluation and prevocational rehabilitation training; it conducts extensive field services through regional offices, affiliated programs and a national training team; it maintains the National Register of Deaf-Blind Persons and designs and improves sensory aids. Publication: The Nat-Cent News.

HELPNET (Special Education Software Center)
333 Ravenswood Ave. Bldg. B-S312
Menlo Park, CA 94025
☎ (800) 435-7639 (800) 223-2711
Online access to the Special Ed. Software Center. With a modem and telecommunications software, the center can be contacted via a toll-free number. Future plans include bulletin boards where software subroutines are made available. No charge.

INNOTEK
2100 Ridge Ave.
Evanston, IL 60204
☎ (312) 328-0001
INNOTEK is the technology division of the National Lekotek Center. It provides technology training for professionals in special education and related fields on the use of computers for children with special needs. INNOTEK oversees COMPUPLAY Resource Centers, a network of computer play and resource centers for families with children with disabilities.

Int'l Society Augmentative and Alternative Commun.
P.O. Box 1762 - Station R
Toronto, Ontario, M4G 4A3
☎ (416) 424-3806
The society is an information and referral organization for individuals concerned with communication disorders.

International Association of Machinists
Projects with Industry
3830 South Meridian
Wichita, KS 67217
☎ (316) 522-1591
A training and employment placement program for individuals with disabilities. Areas addressed include computer-related programs.

International Catholic Deaf Association
814 Thayer Ave.
Silver Spring, MD 20910
☎ (301) 588-4009
This is the only international lay association founded and controlled by deaf Catholic adults. Publication: The Deaf Catholic.

International Center for the Disabled
Gen. Clerical and Learning Center
340 East 24th St.
New York, NY 10010
☎ (212) 679-0100
A training and employment placement program for individuals with disabilities, the center addresses computer-related programs.

International Lutheran Deaf Association
1333 S. Kirkwood Road
St. Louis, MO 63122
☎ (314) 965-9917 Ext. 315
Promotes ministry for deaf persons throughout the Lutheran Church-Missouri Synod. Publication: The Deaf Lutheran.

Job Accommodation Network
WV Univeristy - 809 Allen Hall
Morgantown, WV 26506
☎ (304) 293-7186 (800) 526-7234
JAN is an international information and consulting resource providing job accomodation information to employers, rehabilitation professionals and persons with disabilities relating to all employment issues. The 800 number is for Canada; both numbers are voice/TDD.

Job Opportunities for the Blind (JOB)
1800 Johnson St.
Baltimore, MD 21230
☎ (301) 659-9314 (800) 638-7518
JOB informs blind applicants about available positions with public and private employers throughout the country. JOB provides technical assistance to employers and applicants on methods used by blind people on the job. JOB publishes a recorded bulletin, maintains a library of publications about employment and conducts seminars for applicants and employers.

Journal of Visual Impairment and Blindness
15 West 16th St.
New York, NY 10011
☎ (212) 620-2020
This is a bi-monthly journal of research reviews, applications and articles on special topics for this population.

Jr. National Association of the Deaf
455 N. Pennsylvania St. - Suite 804
Indianapolis, IN 46204
☎ (317) 638-1715
The association develops leadership skills among deaf high school students by creating opportunities for students to get hands-on experience. A comprehensive summer leadership camp for deaf students is sponsored. Publication: Junior NAD Newsletter.

Juvenile Diabetes Foundation
60 Madison Ave.
New York, NY 10010
☎ (800) 223-1138 (800) JDF-CURE
The JDF has publications available about diabetes, including research. There are local chapters throughout the U.S. and in nine foreign countries. JDF provides support group and fundraising activity information and newsletters.

L.S.&S. Group Inc. - catalog
P.O. Box 673
Northbrook, IL 60065
☎ (800) 468-4789 (312) 498-9777
The L.S.&S. catalog features a wide range of products for the visually impaired - most are not computer related, but all are designed to help visually impaired persons enjoy a trouble fee and independent life.

Learning Initiatives International
One Park Pl. - Suite 835
Atlanta, GA 30303
☎ (800) 233-9233
Learn is an independent user group for users of IBM Education Systems, in pre-K through 12. It is dedicated to improving education through technology and is clearinghouse for education technology usage.

Lekotek
2100 Ridge Ave.
Evanston, IL 60204
☎ (312) 328-0001
Lekotek is a national program that provides a caring place where families whose children have special needs can come for support and encouragement to integrate kids into the family and the family into the community. Receiving services are children with spina bifada, Down syndrome, muscular dystrophy, language delays, hearing and visual impairments, seizure disorders and chronic illnesses.

Lighthouse Low Vision Products
36-02 Northern Blvd.
Long Island City, NY 11101
☎ (718) 937-6959
This Lighthouse group sells optical devices and absorptive lenses to opthalmologists, optometrists, qualified opticians, low vision clinics, hospitals and authorized agencies, as well as vision charts, lighting, nonoptical devices, publications and multimedia kits.

LINC Resources Inc.
4820 Indianola Ave.
Columbus, OH 43214
☎ (800) 772-7372 (614) 885-5599
A computerized database of the software for instruction, personal assistance, administration and testing. Free searches.

Lions Club International
300 22nd Street
Oak Hill, IL 60570
☎ (312) 571-5466
This international service club has 40,000 clubs in 166 countries. It provides assistance to disabled, primarily in sight and hearing. Contact should be made through the local club; the Oak Hill office provides information.

Little People of America
P.O. Box 633
San Bruno, CA 94066
An international support and advocacy organization for people of short stature.

Lutheran Braille Workers
P.O. Box 5000
Yucaipa, CA 92399
☎ (714) 795-8977
Lutheran Braille Workers provides Biblical and devotional Braille in 40 languages and large print in 8 languages, shipping all over the world. Materials are free to blind and sight-impaired.

Mad Hatters
P.O. Box 2
Kalamazoo, MI 49005
☎ (616) 385-5871
The Mad Hatters acting group strives to break down the attitudinal barriers that limit people with special needs. They employ educational, human service and theatrical professionals to research, script and perform dramas about people with special needs, touring nationwide.

Mainstream - Magazine of the Able Disabled
2973 Beech St.
San Diego, CA 92102
☎ (619) 234-3138
This magazine, published by Exploding Myths Inc., covers independent living and employment related technology and carries features on disabled people.

Mainstream Inc.
1030 15th St. NW - Suite 1010
Washington, DC 20005
☎ (202) 898-1400
This organization works with employers and service providers to increase employment opportunities for persons with disabilities. It operates a placement program in Washington, DC, and Dallas, Texas.

Matilda Ziegler Magazine for the Blind
20 West 17th St.
New York, NY 10011
☎ (212) 242-0263
This general interest magazine in Braille and recorded disc (on Library of Congress talking book player) includes articles, short stories, poetry, humor and news of interest to blind and visually impaired persons. Ten issues/year; no charge. Founded in 1907.

Muscular Dystrophy Association
810 Seventh Avenue
New York, NY 10019
☎ (212) 586-0808
MDA supports worldwide research and provides diagnostic services and rehabilitative follow-up care for neuromuscular disorders through MDA-supported clinics.

Narrative Television Network
5840 S. Memorial Dr. - # 312
Tulsa, OK 74145
☎ (918) 627-1000
NTN supplies videocassettes narrated for visually impaired users. NTN provides added narration to programming that doesn't interrupt the dialog but helps explain the action to a visually impaired viewer. NTN is working with the Nostalgia Cable Network.

Nat'l Assoc. Blind/Visually Impaired Computer Users
P.O. Box 1352
Roseville, CA 95661-1352
☎ (916) 783-0364 (916) 786-3923
This group provides services including information referral from their database and research. The second phone number is for their bulletin board. A $20/year donation entitles members to an ID for the bulletin board and six computer disks.

Nat'l Info. Center for Handicapped Children and Youth
Park Place Bldg. - Suite 1100
7926 Jones Branch Dr.
McLean, VA 22102
☎ (800) 999-5599 (703) 893-6061
This information service helps parents of children/youth through secondary school age, educators, care-givers and advocates to improve the lives of children with disabilities.

National Amputation Foundation
12-45 150th St.
Whitestone, NY 11357
☎ (718) 767-0596
This foundation provides information for amputees and their families.

National Assoc. State Directors - Special Ed.
1201 16th St. NW
Washington, DC 20036
☎ (202) 822-7933
Electronic information exchange relevant to special education, including computer applications for persons with disabilities.

National Assoc/Parents Visually Impaired
P.O. Box 562
Camden, NY 13316
☎ (315) 245-3442 (800) 562-6265
This association is for parents of visually impaired children. Contact Eileen Hudson in Wisconsin: (608) 362-1380.

National Association for Parents of Visually Impaired
2180 Linway Dr.
Beloit, WI 53511
☎ (800) 562-6265 (608) 362-1380
Support and advocacy group.

National Association for Visually Handicapped
22 West 21st St. - 6th floor
New York, NY 10010
☎ (212) 889-3141
This agency is a voluntary health agency devoting its total program to assist people with impaired vision.

National Association of the Deaf (NAD)
814 Thayer Ave.
Silver Spring, MD 20910
☎ (301) 587-1788
The oldest and largest consumer organization of deaf people in the United States, NAD is concerned with communication skills, legislation, employment rights and other topics. There are affiliated chapters in all fifty states. NAD is one of the largest publishers of deafness related materials. Publications: The Broadcaster, The Deaf American.

National Ataxia Foundation
600 Twelve Oaks Center
15500 Wayzata Blvd.
Wayzata, MN 55391
☎ (612) 473-7666
The NAF is a support organization for persons with ataxia, a condition affecting the nervous system, usually balance and coordination. Diagnosis is based on medical history and cannot be made before the onset of symptoms. The NAF provides service, research and education to ataxia patients and their families.

National Braille Association
1290 University Ave.
Rochester, NY 14607
☎ (716) 473-0900
This association provides services to the visually impaired and to volunteers and professionals serving them, including textbook transcription, plus other materials helpful in work, recreation and daily living. NBA maintains a collection of Braille texts, music scores and career materials. A catalog is available.

National Braille Press
88 St. Stephen Street
Boston, MA 02115
☎ (617) 266-6160
Information on available resources. Services include conversion of books to Braille. In 1989, N.B.P. published Take Charge: A Strategic Guide for Blind Job Seekers, a self-help guide based on the real-life experiences of blind people searching for employment (available in Braille, cassette and on IBM disk).

National Captioning Institute Inc.
5203 Leesburg Pike
Falls Church, VA 22041
☎ (703) 998-2400
NCI provides closed captioning service for television, program producers, cablecasters, video producers, advertisers and others.

National Catholic Office for Persons with Disabilities
P.O. Box 29113
Washington, DC 20017
☎ (202)529-2933
The NCPD serves to assist persons with disabilities in achieving full participation in the Catholic Church, to provide training and to be an advocate.

National Catholic Office of the Deaf
814 Thayer Avenue
Silver Spring, MD 20910
☎ (301) 587-7992
NCOD is a non-profit organization that promotes pastoral ministry for persons who are deaf and hearing impaired. The office works with pastors, pastoral workers, catechists and families to organize workshops and provide information and teaching materials for religious education. Publication: Listening magazine.

National Center - Postsecondary Transition
Students with Learning Disabilities
University of Connecticut
Storrs, CT
☎ (203) 486-4036
The Center provides information, advocacy and support services for students with learning disabilities.

National Center for Law and the Deaf
Gallaudet University
800 Florida Ave. NE
Washington, DC 20002
☎ (202) 651-5373
The Center develops and provides a variety of legal services and programs for the deaf community.

National Center for Learning Disabilities
99 Park Avenue
New York, NY 10016
☎ (212) 687-7211
Advocacy and support services.

National Center for Youth with Disabilities (NCYD)
Box 721 - UMHC
Harvard St. at East River Rd.
Minneapolis, MN 55455
☎ (800) 333-6293 (612) 626-2825
NCYD is a technical assistance and information resource center focusing on adolescents with chronic illness and disability and the issues that surround the transition to adult life. NCYD offers an online resource library, training and educational materials, a technical assistance network and a newsletter.

National Clearinghouse on Technology and Aging
University of Mass. Medical Center
55 Lake Ave. North
Worcester, MA 01655
☎ (800) 433-2306 (508) 865-3662
The clearinghouse provides a variety of services, including the Sensory Technology Information Services (STIS) which provides persons with sensory disability information on assistive technology and special services.

National Cued Speech Association
P.O. Box 31345
Raleigh, NC 27622
☎ (919) 828-1218
This organization provides advocacy and support regarding use of cued speech. Information and services are provided to hearing impaired persons of all ages, their families, friends and professionals who work with them.

National Diabetes Information Clearinghouse
Box NDIC
Bethesda, MD 20892
☎ (301) 468-2162
Write for catalog of publications amd services.

National Down Syndrome Congress
1800 Dempster
Park Ridge, IL 60068
☎ (312) 823-7550
This national organization of parents and professionals provides a clearinghouse of information on Down Syndrome, including a comprehensive referral/resource network, literature and an annual family convention.

National Federation of the Blind
Research and Development Office
523 Pawnee Trail
Frankfort, KY 40601
☎ (502) 695-2388
Research and development office.

National Federation of the Blind
1800 Johnson St.
Baltimore, MD 21230
☎ (301) 659-9314
National membership organization with emphasis on the improvement of the socioeconomic conditions of the blind. Product evaluations are available.

National Fraternal Society of the Deaf
1300 W. Northwest Highway
Mt. Prospect, IL 60056
☎ (312) 392-9292
This group works in the area of life insurance and advocacy, information and referral for deaf persons. Publication: The Frat.

National Head Injury Foundation
333 Turnpike Rd.
Southboro, MA 01772
☎ (508) 485-9950 (800) 444-NHIF
Clearinghouse for information concerning research, support groups and other rehabilitation groups. State organizations are available.

National Hearing Aid Society
20361 Middlebelt Road
Livonia, MI 48152
☎ (800) 521-5247 (313) 478-2610
This is a professional association of hearing aid specialists who test hearing and select, fit and dispense hearing instruments. It provides consumer information through toll-free Hearing Aid Hotline.

National Info Center for Children with Handicaps
P.O. Box 1492
Washington, DC 20013
☎ (703) 893-6061 (800) 999-5599
This center is a federally-funded national clearinghouse providing free information to assist parents, educators, caregivers, advocates and others in helping chidren with disabilities become participating members of the community. It provides referrals, publications and technical assistance.

National Information Center on Deafness
Gallaudet University
800 Florida Ave. NE
Washington, DC 20002
☎ (202) 651-5051 202/651-5052TDD
The center provides information about deafness, hearing loss and Gallaudet University to all interested individuals. Gallaudet is a multi-purpose educational center serving hearing impaired persons around the world through its programs in academics, research and public service.

National Information System
Benson Bldg. - Univ. of South Carolina
Columbia, SC 29208
☎ (800) 922-9234 800/922-1107 SC
The National Information System is a toll-free information and referral service providing information about specialized services for children who have developmental disabilities or special health care needs.

National Library Service for the Blind
1291 Taylor St. NW
Washington, DC 20542
☎ (202) 707-5100
The library offers free reading material in Braille or cassette as well as reference information on blindness.

National Multiple Sclerosis Society
205 East 42nd St.
New York, NY 10017
☎ (212) 986-3240
Provides information concerning funds, research, causes and cures for MS.

National Network of Learning Disabled Adults (NNLDA)
800 N. 82nd St. - Suite F2
Scottsdale, AZ 85257
☎ (602) 941-5112
NNLDA provides information and referral for LD adults involved with or in search of support groups and networking opportunities and provides a biyearly general assembly, a list of support groups for LD adults and prints a newsletter.

National Organization on Disability
2100 Pennsylvania Ave. NW - Suite 232
Washington, DC 20037
☎ (202) 293-5960
This organization supports over 1700 local volunteers through community partnerships.

National Parkinson Foundation
1501 N.W. 9th Avenue
Miami, FL 33136-9990
☎ (800) 327-4545 (305) 547-6666
The National Parkinson Foundation is a major force in research, treatment and rehabilitation programs for Parkinson syndrome. Assistance is provided in finding diagnostic and treatment services.

National Rehabilitation Assocation
633 South Washington St.
Alexandria, VA 22314
☎ (703) 836-0850
NRA is dedicated to improving the quality of life for persons with disabilities. Membership (18,000 in all states) includes professionals, counselors and specialists. Many of its divisions and local chapters sponsor professional development and publish journals/newsletters.

National Rehabilitation Information Center
8455 Colesville Rd. - Suite 935
Silver Spring, MD 20910
☎ (800) 346-2742 (301) 588-9284
Information on rehabilitation and training.

National Spinal Cord Injury Association
149 California Street
Newton, MA 02158
☎ (617) 964-0521
Local associations throughout the country. Disability information and publications.

National Stroke Association
300 East Hampden - Suite 240
Englewood, CO 80110-2622
☎ (303) 762-9922
NSA is a nonprofit organization dedicated to reducing the incidence and effects of stroke through activities related to prevention, medical care, rehabilitation and resocialization.

National Technical Institute for Deaf
One Lomb Memorial Drive
P.O. Box 9887
Rochester, NY 14623-0887
☎ (716) 475-6400 (716) 475-2181
The institute provides technological postsecondary education to hearing impaired students and disseminates materials and instructional videotapes on deafness and related areas. Publication: NTID Focus.

National Technology Database
American Foundation for the Blind
15 West 16th St.
New York, NY 10011
☎ (212) 620-2080
The National Technology Center of the AFB provides a resource database for blind and visually impaired persons, employers, researchers and manufacturers of aids and devices.

National Theatre of the Deaf
The Hazel E. Stark Center
Chester, CT 06412
☎ (203) 526-4971 (203) 526-4974
Concerned with the artistic professional development of deaf actors, this theatre tours widely, presents its Little Theatre of the Deaf productions in schools and sponsors a professional school, with full scholarships available for deaf persons.

National Veterans Training Institute
University of Colorado at Denver
1250 14th St. - Suite 650
Denver, CO 80202
☎ (800) 331-0562 (303) 892-1712
The institute strengthens the network of Disabled Veterans Outreach Program specialists and Local Veterans Employment representatives. It provides skills and upgrades the professional abilities of service providers, including a Resource and Technical Assistance Center and Counseling and Guidance Program.

New Eyes for the Needy Inc.
P.O. Box 332
Short Hills, NJ 07078
☎ (201) 376-4903
This organization pays for glasses under certain conditions - recipient obtains own prescription, a social service department requests glasses if proof in writing that no other assistance is available, a voucher is given to social worker to give to recipient.

News Reel
176 Brehl Avenue
Columbus, OH 43222
☎ (614) 469-8201
This monthly tape magazine for the blind provides informative articles and news.

ODPHP National Health Information Center
P. O. Box 1133
Washington, DC 20013-1133
☎ (800) 336-4797
Established by the Office of Disease Prevention and Health Promotion (ODPHP), the center identifies health information resources, channels requests for information to these resources and develops publications on health-related topics. The center uses a variety of health information materials, a database of health-related organizations and an information referral system.

On-Line Microcomputer Guide and Directory
11 Tannery Lane
Weston, CT 06883
☎ (203) 227-8466
This is a database of software, including descriptions, reviews and producer comment for deaf and hearing impaired persons.

Orton Dyslexia Society
724 York Road
Baltimore, MD 21204
☎ (800) ABCD-123 (301) 296-0232
There are 43 branches, including Canada and Bermuda, providing support and advocacy for people with dyslexia.

Palaestra (magazine for the disabled)
P.O. Box 508
Macomb, IL 61455
☎ (309) 833-1902
This is a magazine - a forum - of sports, physical education and recreation for the disabled.

Paralyzed Veterans of America
801 18th St. NW
Washington, DC 20006
☎ (202) 872-1300
PVA serves the needs of America's paralyzed veterans through chapters nationwide and in Puerto Rico and is actively involved in spinal cord research, health care, accessibility and sports and recreation programs.

Paraplegia News
5201 N. 19th Ave. - Suite 111
Phoenix, AZ 85015
☎ (602) 246-9426
This monthly publication offers information on spinal cord injury issues, including topics on accessibility, research, legislation and new products.

Parkinson's Disease Foundation
640-650 West 168th St.
New York, NY 10032
☎ (212) 923-4700
This is a medical research foundation at Columbia Presbyterian Medical Center; publication: Newsletter. The PDF provides educational booklets and referral to competent neurologists. It conducts research and maintains a fellowship program.

Pass.Word
11400 Bacon Rd.
Plainwell, MI 49080
☎ (616) 664-5282
Training, consulting, installation and support for personal computer hardware/software for persons with disabilities.

Paul H. Brooks Publishing Co.
P.O. Box 10624
Baltimore, MD 21285
☎ (800) 638-3775 (310) 337-9580
This publisher offers titles in the fields of developmental disabilities, special education, rehabilitation, physical and occupational therapy, speech/language/hearing and other human services.

Pres. Committee-Employment of Persons w/Disabilities
1111 20th St. NW - room 660
Washington, DC 20036
☎ (202) 653-5050 202/653-7386FAX
The Committee publishes information on aids and devices, assists employers with job accommodations for disabled persons and has an online databank.

Quota International Inc.
1420 21st St. NW
Washington, DC 20036
☎ (202) 331-9694
This group's major service project, Shatter Silence, serves individuals with hearing and speech disabilities. They offer fellowships and the annual Outstanding Deaf Woman of the Year Program.

REACH (Rehab/Educ/Advocacy-Citizens w/ Handicaps)
617 7th Ave.
Fort Worth, TX 76104
☎ (817) 870-9082 817-8709086 TDD
REACH acquired C-CAD (Center for Computer Assistance to the Disabled) in January 1989. A non-profit training center for computer skills for jobs and daily life. They serve as a clearinghouse for information about computer applications.

Rebound Inc.
109 Hazel Path
Hendersonville, TN 37075
☎ (800) 228-4881 (800) 522-5016
Rebound provides the entire range of head injury rehabilitation programs from offices in several states, including Florida, Missouri, South Carolina, Tennessee and Texas.

Recording for the Blind
20 Roszel Rd.
Princeton, NJ 08540
☎ (800) 221-4792 (609) 452-0606
This service provides audio cassette recordings to registered borrowers free of charge, including computer related reference material.

Registry of Interpreters of the Deaf
51 Monroe St. - Suite 1107
Rockville, MD 20850
☎ (301) 279-0555
This professional group provides information on interpreting, testing and certification of interpreters in the U.S. and Canada. Publications: Interpreter VIEWS, RID Interpreting Journal.

Research Grant Guides
P.O. Box 4970
Margate, FL 33063
☎ (305) 753-1754
Research Grant Guides publishes the Handicapped Funding Directory, a research tool for planners and fund seekers listing 850 foundations, corporations, government agencies and associations which grant funds for the disabled. The directory includes essays on grantmanship, names and addresses of state agency directors and a bibliography of funding publications.

Residential Aphasia Program
Communicative Disorders Clinic
111 E. Catherine - U. of Michigan
Ann Arbor, MI 48109-2054
☎ (313) 764-8440
This program offers 6-week sessions of intensive intervention for adults with speech and language difficulties due to brain damage. The program has provided services since 1937 and is unique in offering 3 hours of individual and 1 hour of group therapy daily. Supportive audiology and social work services are provided.

RESNA
1101 Connecticut Ave. NW - Suite 700
Washington, DC 20036
☎ 202) 857-1199
An interdisciplinary association for the advancement of rehabilitaion and assistive technology.

Resources for Rehabilitation
33 Bedford St. - Suite 19A
Lexington, MA 02173
☎ (617) 862-6455
This organization provides training and information about resources for people with disabilities. They publish "Living With Low Vision," which includes a professional desk reference, LARGE PRINT Resource Lists and a LARGE PRINT guide.

Roosevelt Warm Springs Institute
P.O. Box 1000
Warm Springs, GA 31830
☎ (404) 655-2000
Rehabilitation institute for a variety of disabilities: stroke, spinal cord injury, head trauma, orthopedic, mental retardation, psychological impairment, learning disabled, blind, deaf and polio.

RP Foundation Fighting Blindness
1401 Mount Royal Ave. - 4th floor
Baltimore, MD 21217
☎ (800) 638-2300
This organization supports Retinitis Pigmentosa research, providing information concerning RP, including Usher's syndrome, macular degeneration and allied retinal degeneration. It maintains national registry and retina donor program and publishes a newsletter.

SCAN (Shared Communicaton and Assistance Network)
8605 Cameron St. - Suite 406
Silver Spring, MD 20910
☎ (301) 588-8252
Electronic mail, bulletin boards for persons with developmental disabilities.

Self Help for Hard of Hearing People (SHHH)
7800 Wisconsin Ave.
Bethesda, MD 20814
☎ (301) 657-2248 (301) 657-2249
Promotes awareness about and provides information on hearing loss, communication, assistive devices and alternative communication skills through publications, exhibits and presentations. Publication: Shhh.

Sensory Aids Foundation
399 Sherman Avenue - Suite 12
Palo Alto, CA 94306
☎ (415) 329-0430
This organization provides training, placement and counseling for visually or hearing impaired persons. They provide 3-month equipment loans and publish a technical magazine for blind computer users and maintain a center for hands-on training on a variety of devices, including the IBM Screen Reader.

Sensory Assistance Center
Department of Justice
10th and Constitution NW
Washington, DC 20530
☎ (202) 633-5104
Training, diagnostic support and advocacy.

Short Stature Foundation
P.O. Box 5356
Huntington Beach, CA 92165-5356
☎ (714) 843-1103
This organization provides services, information and advocacy to enhance the self esteem of short statured individuals. Their goal is to make home, school, work and shopping more comfortable. They offer an adaptive device catalogue (non-technical) and provide job training and employment opportunities.

Sign Media Inc.
4020 Blackburn Lane
Burtonsville, MD 20866
☎ (301) 421-0268
Sign Media provides a 30-minute, open-captioned videotape to help teach how to use TDDs/TTYs ($29.95); the tape is ideal for vocational rehabilitation and social service offices, 911 services and government offices.

Smith-Kettlewell Eye Research Institute
Rehabilitation Engineering Center
2232 Webster Ave.
San Francisco, CA 94115
☎ (415) 561-1630
This non-profit organization provides rehabilitation engineering of sensory aids for visually impaired, blind and deaf-blind persons. Activities include research and development of new products (including aids to computer access), consulting and information dissemination and provision of custom sensory aids.

SpecialNet (Nat'l Assoc. State Directors of Spec. Ed.)
2021 K St. - Suite 315
Washington, DC 20006
☎ (202) 296-1800
This network features telephone access, electronic mail, bulletin and data collection in the are of special education.

Spinal Cord Society
Wendell Rd.
Fergus Falls, MN 56537
☎ (218) 739-5252
National monthly newsletter on research and treatment of spinal cord injury problem.

Storer Computer Access Center
1909 East 101st St.
Cleveland, OH 44106
☎ (216) 791-8118
This organization provides evaluations and training for the visually impaired. It is associated with the Cleveland Society for the Blind and can assist with information, demonstrations and training relative to the IBM Screen Reader. Ask for David Manseur or Mary Jo Strittmaier.

TADD Center (Technical Aids & Assistance for Disabled)
1950 West Roosevelt Rd.
Chicago, IL 60608
☎ (800) 346-2939 (312) 421-3373
The center, a project of COPH-2 (Committee on Personal Computers and the Handicapped), is the focal point where consumers assist consumers in accessing personal computer technology.

TechLine (Center for Special Education Technology)
1920 Association Dr.
Reston, VA 22091
☎ (800) 873-8255
One electronic bulletin board offering news about special education technology and information from other special educators. Information is on how the technology is used, rather than the products. Offers a newsletter.

Telecommunications for the Deaf Inc. (TDI)
814 Thayer Avenue
Silver Spring, MD 20910
☎ (301) 589-3786 (301) 589-3006
This TDD/PC consumer-oriented organization sells decoders for deaf people, supports legislation and advocates the use of TDDs in the public, private and government sectors. Publications: GA-SK, International Telephone Directory of TDD and Computer Users.

Trace Research Center - University of Wisconsin
Waisman Center
1500 Highland Ave.
Madison, WI 53705-2280
☎ (608) 262-6966
The Trace Research and Development Center investigates technology and augmentative communication, control and computer access for people with disabilities. The center develops adaptive products, does research and investigates ways in which standard computer equipment can be made accessible. The center publishes The Trace ResourceBook listing products for communication, control and computer access.

TRAIN
Neshaminy Plaza II - Suite 101
Bensalem, PA 19020
☎ (215) 639-1513
A database of testing, training resources, assessment and workshop materials for special education; inservice network for professionals in special education; resaler of software and educational materials.

Trio Publications Inc.
497 Cameron Way
Buffalo Grove, IL 60089
☎ (708) 253-9426
Publishes The Illustrated Guide to Handicapped Products.

Tripod
955 North Alfred St.
Los Angeles, CA 90069
☎ 800/352-8888 US 800/346-8888 CA
Tripod has a national toll-free hotline providing information about raising and educating deaf children and maintains a preschool for hearing impaired children and an elementary mainstream program.

U.S. Society-Augmentative and Alt. Communication
c/o Barkley Memorial Center
University of Nebraska
Lincoln, NE 68588
☎ (402) 472-5463
USSAAC is the U.S. chapter of the International Society; its purpose is to enhance the communication effectiveness of persons who can benefit from augmentative and alternative communication and to support the purposes of ISAAC - promoting awareness, assisting individuals, influencing policy and legislation, fostering activities.

United Cerebral Palsy Assoc. (Nat'l HQ)
1522 K St. NW - Suite 1112
Washington, DC 20005
☎ (202) 842-1266 (800) 872-5827
This Community Service Organization (CSO) has formed a partnership with IBM making personal computers more affordable for persons with disabilities. They will assist eligible users in evaluating appropriate solutions, ordering, installing and on-going support.

United Cerebral Palsy Association
66 East 34th St.
New York, NY 10016
☎ (212) 481-6300
This association provides research funding and other information for parents and patients.

VA Blind Rehabilitation Clinic
Memorial Drive
Waco, TX 76711
☎ (817) 752-6581
This federal agency provides rehabilitation services for eligible legally blind veterans.

Veterans Admin. Information Technology Center
810 Vermont Avenue
Washington, DC 20420
☎ (202) 389-5571
Microcomputer training program for persons with disabilities - for Federal employees.

Vocational Opportunities Inc.
New Medico Head Injury System
205 Westgate Drive
Springfield, TN 37172
☎ (800) 227-3824 (615) 384-8686
The New Medico Head Injury System provides rehabilitation to the head injury survivor. Their professional associates in 34 locations nationwide provide assessment, coma intervention, community re-entry, vocational training and other resources concerning the rehabilitation process.

Voice
11931 N. Central Expressway - Suite 11
Dallas, TX 75243
☎ (214) 490-0860
This is a national bi-monthly publication for hearing impaired people on adaptive devices and computer access equipment.

Volunteers for the Visually Handicapped
4405 East-West Highway - Suite 109B
Bethesda, MD 20814
☎ (301) 652-4347 (301) 493-6300
Resources for the Partially Sighted (RPS) is the name of a program within this group which maintains a resource list of assistive computer equipment for visually impaired persons.

Washington Library for Blind & Physically Handicapped
821 Lenora St.
Seattle, WA 98129
☎ (800) 542-0866 (206) 464-6930
Talking Books, Braille books, large print, transcription, Reading Aids Center, reference.

Woodbury Seminars
P.O. Box 26732
Austin, TX 78759-0732
☎ (512) 345-4960
Consultation, seminars and presentations in career and personal development for the blind and visually impaired, including seminars for corporate and agency administrators/workers and a children's program.

World Institute on Disability
1720 Oregon St.
Berkeley, CA 94703
☎ (415) 486-8314 Voice/TDD
The World Institute on Disability is a public policy center run by persons with disabilities. It uses research, public education, training and model program development to create a more accessible and supportive society for all - disabled and nondisabled.

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